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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

Complete if Known	
Application Number	10/713,374
Filing Date	11/13/2004
First Named Inventor	Rajen Chanchani
Art Unit	2826
Examiner Name	Alexander O. Williams
Attorney Docket No.	SD-7151/S-98758

ENCLOSURES (check all that apply)

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<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/>	After Allowance Communication to TC
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<u>Remarks</u>			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Sandia National Laboratories		
Printed Name	Kevin W. Bieg -  2/2/06		
Date	Veron W Bieg	Reg. No.	40,912

CERTIFICATE OF TRANSMISSION/MAILING

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Martha Trujillo

2/2/06

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name

Martha Trujillo

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 3 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chanchani Group: 2826
Serial No.: 10/713,374 Paper No.:
Filed: 11/13/2004 Examiner: Alexander O. Williams
For: Heterogeneously Integrated System-on-a-Chip

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

Applicants have carefully reviewed the Office Action mailed 11/8/05, submit the following in complete response thereto, and request reconsideration of the claims presented.

REMARKS begin on page 2 of this paper.

ARGUMENTS begin on page 3 of this paper.